

Disease Surveillance & Risk Report

No Report

No Activity

Sporadic

Local

Regional

Widespread

Severe

DEFINITION of Influenza-like or Flu-Like Illness: (ILI):

1) Fever > 100°F measured with a thermometer AND (2) Cough AND/OR sore throat in the absence of a known cause other than influenza

Madison County Flu Activity (Week 17)

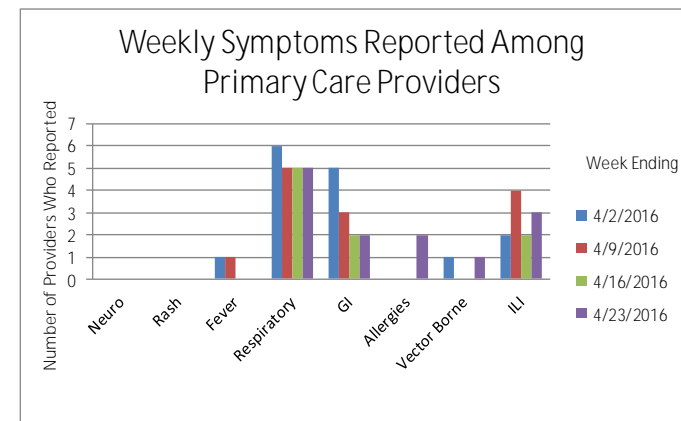
Flu Activity for the week ending 4/23/16: **Widespread**

- Lab-confirmed flu: 18 Flu (13 Type A & 5 Type B were reported in week 15.) The season total to date is: 199 flu (179 flu A and 20 flu B). *Weekly incidence: 24.9 flu cases per 100,000 population*
- County workforce*: No influenza-like illness (ILI) was reported
- College Health Centers*: ILI and flu was reported
- Primary Care Providers*: Flu and ILI was reported
- New York State Hospital Report (HERDS): No reports for week 17. A total of eight flu related hospitalizations have been reported this season.
- Flu-Associated Pediatric Deaths: No reports for week 17. A total of one reported this season to date.



Madison County Disease Surveillance Updates, 4/17/16-4/23/16

- Communicable Diseases Reported to the Health Department: 5 Chlamydia, 1 Lyme disease, 1 Campylobacter, 1 Gonorrhea, and 2 Step Pneumoniae were reported
- Primary Care Providers Reported*: Respiratory illness, gastrointestinal illness (GI), and influenza-like illness (ILI), flu, tick-bites, allergies, bronchitis, pink eye, and sinus infections were reported; also refer to graph below.
- Hospital Weekly Surveillance*: Respiratory illness, ILI, flu, and strep throat were reported
- Syndromic Surveillance in Emergency Departments: Reporting system undergoing maintenance
- College Health Centers*: Respiratory illness, gastrointestinal illness (GI), ILI, coxsackie virus, flu, tonsillitis, and tick-bites were reported
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts—4/1/16 to 4/10/16: No alerts



*Information denoted with an asterisk is subjective and provided on a voluntary basis.

View all past surveillance reports online at www.healthymadisoncounty.org

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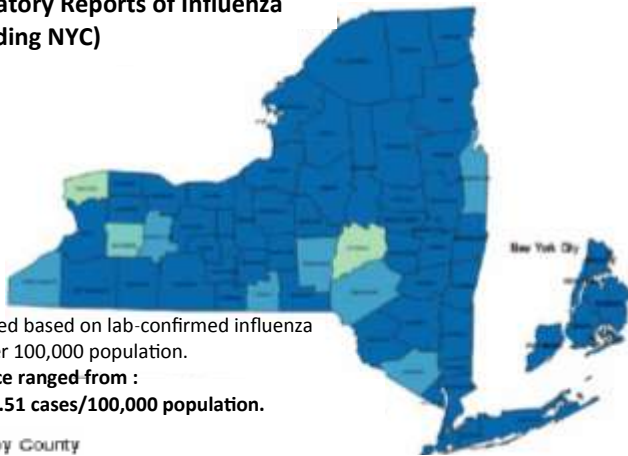
Severe

New York State Flu Activity

Flu Activity for the week ending 4/16/16: **Widespread**

- Lab-Confirmed Flu: 2,175 reports, a 16% decrease over last week. Flu was reported in all 62 counties.
- Flu-Related Hospitalizations: 315 reports, a 31% decrease over last week.
- A select group of providers (“sentinel providers”) across the state (outside of NYC) reported the percentage of office visits due to complaints of flu-like illness (ILI) was 2.21%; this is *an increase* from last week, but is *below* the regional baseline of 2.3%.
- Flu-Associated Pediatric Deaths: No report this week. A total of three deaths have been reported this season.

Laboratory Reports of Influenza (including NYC)



Source: New York State Department of Health. *Influenza Surveillance, Activity and Reports, 2015-16.* <http://on.ny.gov/1GTxdpF>

United States Flu Activity

Flu Activity for the week ending 4/16/16 (week 15): **Regional**

Flu activity *decreased* in the U.S.

Geographic Flu Activity Summary:

- Widespread influenza activity was reported by Puerto Rico and 14 states
- Regional influenza activity was reported by Guam and 19 states
- Local influenza activity was reported by the District of Columbia and 13 states
- Sporadic influenza activity was reported by the U.S. Virgin Islands and four states

Surveillance Summary:

- 7.7% of all deaths reported through the 122 Cities Mortality Reporting System were attributed to pneumonia and flu; this is *above* the epidemic threshold of 7.0% for week 15.
- Outpatient illness visits reported through the U.S. ILI Network was 2.1%, this percentage is *at* the national baseline of 2.1%. Five of 10 regions in the U.S. reported flu-like illness *at or above* their region-specific baselines.
- Six flu-associated pediatric deaths were reported during week 15. A total of 56 flu-associated pediatric deaths have been reported this season to date.

Figure 1: Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists (This figure does not measure the severity of influenza activity.)

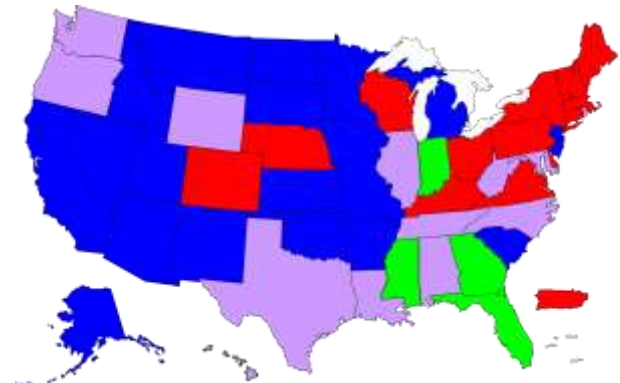


Figure 2: ILI Activity from ILINet Data



ILI Net Data based on percent of outpatient visits in states due to ILI, more on Fig. 2 at: <http://1.usa.gov/1d3PCGv>

Sources: *FluView: Weekly U.S. Influenza and Surveillance Report.* Centers for Disease Control and Prevention. <http://1.usa.gov/1eDDFhh>